

Claims

What is claimed is:

1. A terminal comprising:
  - 5 a) at least one communication interface providing network connectivity to at least one communication network; and
  - b) a control system associated with the at least one communication interface and adapted to:
    - i) determine a terminating address for a terminating party based on current network connectivity to the at least one communication network; and
    - 10 ii) initiate communications with the terminating party using the terminating address.
- 15 2. The terminal of claim 1 wherein a plurality of addresses corresponding to different types of network connectivity are associated with the terminating party, such that different ones of the plurality of addresses correspond to different ones of the types of network connectivity, and to determine the terminating address the control system is further adapted to:
  - 20 a) determine the current network connectivity available for the communications with the terminating party; and
  - b) select the terminating address from the plurality of addresses based on the current network connectivity.
- 25 3. The terminal of claim 2 wherein at least two of the plurality of addresses are of the group consisting of a public E.164 address, private E.164 address, international E.164 address, abbreviated dialing E.164 address, packet network address, uniform resource locator address, and session initiation protocol address.
- 30 4. The terminal of claim 1 wherein different formats of the terminating address correspond to different types of network connectivity, and to

determine the terminating address, the control system is further adapted to:

- a) determine the network connectivity to use for the communications with the terminating party; and
- 5 b) provide a select format of the terminating address from the different formats based on the network connectivity, wherein the select format of the terminating address is used to initiate the communications with the terminating party.

10 5. The terminal of claim 4 wherein to provide the select format of the terminating address, the control system is further adapted to modify a primary format of the terminating address to provide the select format.

15 6. The terminal of claim 5 wherein the primary format of the terminating address is modified by removing a prefix from the terminating address.

7. The terminal of claim 5 wherein the primary format of the terminating address is modified by adding a prefix to the terminating address.

20 8. The terminal of claim 5 wherein the primary format of the terminating address is modified by replacing a portion of the terminating address.

9. The terminal of claim 5 wherein the primary format of the terminating address is modified by removing a portion of the terminating address.

25 10. The terminal of claim 5 wherein the primary format of the terminating address is modified by adding a portion to the terminating address.

11. The terminal of claim 1 wherein the at least one communication interface is adapted to facilitate a plurality of different types of network connectivity, and different terminating addresses or different terminating address formats are used to initiate communications with the terminating party, the control system further adapted to determine

the network connectivity to initiate communications with the terminating party and determine the terminating address by either:

- a) selecting one of a plurality of addresses associated with the terminating party as the terminating address based on the network connectivity, or
- b) modifying an address associated with the terminating party to use as the terminating address based on the network connectivity.

12. The terminal of claim 1 further comprising a user interface associated with the control system, which is further adapted to select the terminating party based on input received from a user via the user interface.

13. The terminal of claim 12 wherein the input specifies a name of the terminating party.

14. The terminal of claim 12 wherein the input specifies a location or terminal associated with the terminating party.

15. The terminal of claim 12 wherein the input specifies the terminating party from a list of a plurality of parties.

16. The terminal of claim 12 wherein the input selects the terminating party from a call log.

17. The terminal of claim 1 wherein the control system is adapted to:

- a) support a plurality of originating IDs for a user;
- b) select one of the plurality of originating IDs to use in association with initiating the communications with the terminating party;
- c) determine the terminating address for the terminating party based on the one of the plurality of originating IDs as well as the network connectivity to the at least one communication network.

18. The terminal of claim 1 wherein the network connectivity corresponds to facilitating communications with a supporting network consisting of at least one of the group consisting of a cellular network, any local wireless network, a specific local wireless network, any local wireless access point, a specific local wireless access point, any local area network, a specific local area network, and a public switched telephone network.

5 19. A method comprising:

- 10 a) determining network connectivity;
- b) determining a terminating address for a terminating party based on the network connectivity to at least one communication network; and
- c) initiating communications with the terminating party using the terminating address.

15 20. The method of claim 19 wherein a plurality of addresses corresponding to different types of network connectivity are associated with the terminating party, such that different ones of the plurality of addresses correspond to different ones of the types of network connectivity, and to determine the terminating address, the method further comprising selecting the terminating address from the plurality of addresses based on the network connectivity.

25 21. The method of claim 20 wherein at least two of the plurality of addresses are of the group consisting of a public E.164 address, private E.164 address, international E.164 address, abbreviated dialing E.164 address, packet network address, uniform resource locator address, and session initiation protocol address.

30 22. The method of claim 19 wherein different formats of the terminating address corresponding to different types of network connectivity, and to determine the terminating address, the method further comprises providing a select format of the terminating address from the different

formats based on the network connectivity, wherein the select format of the terminating address is used to initiate communications with the terminating party.

- 5    23. The method of claim 22 wherein to provide the select format of the terminating address, the method further comprises modifying a primary format of the terminating address to provide the select format.
- 10    24. The method of claim 23 wherein the primary format of the terminating address is modified by removing a prefix from the terminating address.
25. The method of claim 23 wherein the primary format of the terminating address is modified by adding a prefix to the terminating address.
- 15    26. The method of claim 23 wherein the primary format of the terminating address is modified by replacing a portion of the terminating address.
- 20    27. The method of claim 23 wherein the primary format of the terminating address is modified by removing a portion of the terminating address.
28. The method of claim 23 wherein the primary format of the terminating address is modified by adding a portion to the terminating address.
- 25    29. The method of claim 19 wherein a plurality of different types of network connectivity are possible, and different terminating addresses or different terminating address formats are used to initiate communications to the terminating party, the method further comprising determining the terminating address by either:
  - a) selecting one of a plurality of addresses associated with the terminating party as the terminating address based on the network connectivity, or
  - b) modifying an address associated with the terminating party to use as the terminating address based on the network connectivity.

30. The method of claim 19 further comprising selecting the terminating party based on input received from a user via a user interface.

31. The method of claim 30 wherein the input specifies a name of the  
5 terminating party.

32. The method of claim 30 wherein the input specifies a location or terminal associated with the terminating party.

10 33. The method of claim 30 wherein the input specifies the terminating party from a list of a plurality of parties.

34. The method of claim 30 wherein the input selects the terminating party from a call log.

15 35. The method of claim 19 wherein the method further comprises:

- a) supporting a plurality of originating IDs for a user;
- b) selecting one of the plurality of originating IDs to use in association with initiating the communications with the terminating party;
- c) determining the terminating address for the terminating party based on the one of the plurality of originating IDs as well as the network connectivity to the at least one communication network.

25 36. The method of claim 19 wherein the network connectivity corresponds to facilitating communications with a supporting network consisting of at least one of the group consisting of a cellular network, any local wireless network, a specific local wireless network, any local wireless access point, a specific local wireless access point, any local area network, a specific local area network, and a public switched telephone network.  
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